United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD**

The	specification	of	which

- a. was communicated by the International Bureau to the EO/US, and is amended by the Preliminary Amendment, filed herewith.
- b. A is entitled ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD, having attorney docket number KOLS.166US (2031039US).
- c. \boxtimes was filed on 13 December 2004 (if application serial no 10/517,751, and was amended on 13 December 2004 (if applicable) (in the case of a PCT-filed application) described and claimed in international No. PCT/FI03/00470 filed on 12 June 2003 which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. no such applications have been filed.
- b. a such applications have been filed as follows:

	FOREIGN APPLICATION(S), IF ANY, (LAIMING PRIORITY UNDER 35	USC § 119/365
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
Finland	20021162	14 June 2002	
	ALL FOREIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRIORITY	APPLICATION(S)
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U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

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U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)	

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Hollingsworth, Mark A. Reg. No. 38,491 Funk, Steven R.

Crawford, Robert J. Reg. No. 32,122 Curtin, Eric J.

Maunu, LeRoy D.

Reg. No. 35,274

Lynch, David W.

Reg. No. 37,830

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Davis, Clara

Reg. No. 50,495

Reg. No. 36,204

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2	Full Name Of Inventor	Family Name HIMBERG	First Given Name Johan	Second Given Name
0	Residence & Citizenship	City Helsinki	State or Foreign Country Finland	Country of Citizenship Finland
1	Post Office Address	Post Office Address Stenbäckinkatu 2 C 72	City FI-00250 Helsinki	State & Zip Code/Country Finland
Sign	ature of Inventor 2	101: John Himly	r	Jan 4, 2005
2	Full Name Of Inventor	Family Name MÄNTYJÄRVI	First Given Name Jani	Second Given Name
0	Residence & Citizenship	City Oulu	State or Foreign Country Finland	Country of Citizenship Finland
2	Post Office Address	Post Office Address Lumilinnantie 17 C 17	City FI-90630 Oulu	State & Zip Code/Country Finland
Sigr	ature of Inventor 2	202:	I	Date:
				
2 .	Full Name Of Inventor	Family Name HÄKKILÄ	First Given Name Jonna	Second Given Name
		1 *		Second Given Name Country of Citizenship Finland
0	Of Inventor Residence	HĀKKILĀ City	Jonna State or Foreign Country	Country of Citizenship
3	Of Inventor Residence & Citizenship Post Office	HÄKKILÄ City Kalajoki Post Office Address Ankkatic 11	Jonna State or Foreign Country Finland City FI-85100 Kalajoki	Country of Citizenship Finland State & Zip Code/Country
0 3 Sign	Of Inventor Residence & Citizenship Post Office Address	HÄKKILÄ City Kalajoki Post Office Address Ankkatic 11	Jonna State or Foreign Country Finland City FI-85100 Kalajoki	Country of Citizenship Finland State & Zip Code/Country Finland
0 3 Sign	Of Inventor Residence & Citizenship Post Office Address ature of Inventor 2 Full Name	HĀKKILÄ City Kalajoki Post Office Address Ankkatie 11 03:	Jonna State or Foreign Country Finland City FI-85100 Kalajoki First Given Name	Country of Citizenship Finland State & Zip Code/Country Finland Date:
2 3 Sign 2	Of Inventor Residence & Citizenship Post Office Address ature of Inventor 2 Full Name Of Inventor Residence	HĀKKILĀ City Kalajoki Post Office Address Ankkatic i i 03: Family Name KESKI-JASKARI City	State or Foreign Country Finland City FI-85100 Kalajoki First Given Name Turo State or Foreign Country	Country of Citizenship Finland State & Zip Code/Country Finland Date: Second Given Name Country of Citizenship

2	Full Name Of Inventor	Family Name TAKALA	First Given Name Roope	Second Given Name
0	Residence & Citizenship	City Espoo	State or Foreign Country Finland	Country of Citizenship Finland
5	Post Office Address	Post Office Address Sateentie 2 A 31	City FI-02100 Espoo	State & Zip Code/Country Finland
	ature of Inventor 2	205:	Date	:

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

United States Patent Application

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As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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	Full Name	Family Name	First Given Name	Second Given Name	
2	Of Inventor	HIMBERG	Johan		
0	Residence	City	State on Francisco Country		
	& Citizenship	Helsinki	State or Foreign Country Finland	Country of Citizenship Finland	ŀ
1	Post Office	Post Office Address	City	State & Zip Code/Country	
*	Address	Stenbäckinkatu 2 C 72	FI-00250 Helsinki	Finland	
Sione	ature of Inventor 2	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Date:	
Orgue	iture or inventor 2			Date:	
	Full Name	Family Name	First Given Name	Second Given Name	
2	Of Inventor	MÄNTYJÄRVI	Jani		İ
j					
0	Residence	City	State or Foreign Country	Country of Citizenship	
	& Citizenship	Oulu	Finland	Finland	
2	Post Office	Post Office Address	City	State & Zip Code/Country	
	Address	Lumilinnantie 17 C 17	FI-90630 Oulu	Finland	
Signa	ature of Inventor 2	02:	** *** *** *** *** *** *** *** *** ***	Date: Jan 4 2005	
			•	can / 200	
	Full Name	Family Name	First Given Name	Second Given Name	
2	Of Inventor	HÄKKILÄ	First Given Name Jonna	Second Given Name	
	Of Inventor	HÄKKILÄ	Jonna		
2	Of Inventor Residence	HÄKKILÄ City	Jonna State or Foreign Country	Country of Citizenship	
0	Of Inventor Residence & Citizenship	HÄKKILÄ City Kalajoki	Jonna State or Foreign Country Finland	Country of Citizenship Finland	
	Of Inventor Residence & Citizenship Post Office	HÄKKILÄ City Kalajoki Post Office Address	Jonna State or Foreign Country Finland City	Country of Citizenship Finland State & Zip Code/Country	
3	Of Inventor Residence & Citizenship Post Office Address	HÄKKILÄ City Kalajoki Post Office Address Ankkatie 11	Jonna State or Foreign Country Finland City F1-85100 Kalajoki	Country of Citizenship Finland State & Zip Code/Country Finland	
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0 3 Signs 2 0	Residence & Citizenship Post Office Address Ature of Inventor 2 Full Name Of Inventor Residence & Citizenship	HÄKKILÄ City Kalajoki Post Office Address Ankkatie 11 03: Family Name KESKI-JASKARI City Helsinki	Jonna State or Foreign Country Finland City F1-85100 Kalajoki First Given Name Turo State or Foreign Country Finland	Country of Citizenship Finland State & Zip Code/Country Finland Date: Second Given Name Country of Citizenship Finland	
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2	Full Name Of Inventor	Family Name TAKALA	First Given Name Roope	Second Given Name
0	Residence & Citizenship	City Espoo	State or Foreign Country Finland	Country of Citizenship Finland
5	Post Office Address	Post Office Address Sateentie 2 A 31	City FI-02100 Espoo	State & Zip Code/Country Finland
Sign	Signature of Inventor 205:			Date:

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2	Of Inventor	HIMBERG	Johan		
			1		
0	Residence	City	State or Foreign Country		Country of Citizenship
	& Citizenship	Helsinki	Finland		Finland
1	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Stenbāckinkatu 2 C 72	FI-00250 Helsinki		Finland
Sign	ature of Inventor 2	201:		Date:	
			•		
	Full Name	Family Name	First Given Name	<u> </u>	Second Given Name
2	Of Inventor	MÄNTYJÄRVI	Jani		Second Given Name
			Jan		
0	Residence	City	State or Foreign Country		Country of Citizenship
	& Citizenship	Oulu	Finland		Finland
2	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Lumilinnantie 17 C 17	FI-90630 Oulu		Finland
Sign			Date:		
	Full Name	Family Name	First Given Name	<u> </u>	Second Given Name
2	Of Inventor	HÄKKILÄ	Jonna		Second Given Raine
0	Residence	City	State or Foreign Country		Country of Citizenship
	& Citizenship	Kalajoki	Finland		Finland
3	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Ankkatie 11	FI-85100 Kalajoki		Finland
Signs	ature of Inventor 2	03: Jama How		Date: /	
		Janoc Hour		Ja	n 3rd 2005
	Full Name	Family Name	First Given Name		Second Given Name
2	Of Inventor	KESKI-JASKARI	Turo		Decond Given Ivanie
		·			
0	Residence	City	State or Foreign Country		Country of Citizenship
l	& Citizenship	Helsinki	Finland		Finland
4	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Lehdesniityntie 3 E 72	FI-00340 Helsinki		Finland
Signa	Signature of Inventor 204:			Date:	
		<u>:</u>			
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 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

United States Patent Application

OCT 1 1 2005

COUNTRY

COMBINED DECLARATION AND POWER OF ATTORNEY

AND As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYROARD**

ELECTRONIC DEVICE AND N	ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD						
b. is entitled ELECTRONIC number KOLS.166US (2031039US c. was filed on 13 December 20 (in the case of a PCT-filed applicat which I have reviewed and for which	DEVICE AND METHOD OF S). 104 as application serial no 10/51 ion) described and claimed in inch I solicit a United States patent	•	having attorney docket cember 2004 (if applicable) iled on 12 June 2003				
amended by any amendment referre	and understand the contents of the	ne above-identified specification, in	cluding the claims, as				
acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto). Thereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed: In one such applications have been filed. In our such applications have been filed as follows:							
FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119/365							
COUNTRY	APPLICATION NUMBER	DATE OF FILING	DATE OF ISSUE				
Finland	20001162	(day, month, year)	(day, month, year)				
riniand	20021162	14 June 2002					

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)

DATE OF FILING (day, month, year)

DATE OF ISSUE

(day, month, year)

APPLICATION NUMBER

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)		

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)
·	

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Hollingsworth, Mark A. Reg. No. 38,491 Funk, Steven R. Reg. No. 37,830

Crawford, Robert J. Curtin, Eric J.

Reg. No. 32,122 Reg. No. 47,511 Maunu, LeRoy D. Davis, Clara

Reg. No. 35,274 Reg. No. 50,495

Lynch, David W.

Reg. No. 36,204

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Crawford Maunu PLLC.

Please direct all correspondence in this case to Crawford Maunu PLLC at the address indicated below:

Crawford Maunu PLLC 1270 Northland Drive, Suite 390 St. Paul, Minnesota 55120

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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